

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office, address and citizenship are as stated below next to my name;
I believe I am the original, first and sole inventor (if the only name is listed below) or
an original, first and joint inventor (if plural names are listed below) of the subject
matter which is claimed and for which a patent is sought on the invention entitled:

ENCAPSULATED METAL STRUCTURES FOR SEMICONDUCTOR DEVICES AND MIM CAPACITORS INCLUDING
THE SAME

the specification of which (check one)

 X is attached hereto.

 was filed on
Application Serial No.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the
claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with
Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent
or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's
certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applications:

<u>Number</u>	<u>Country</u>	<u>Date Filed</u>	<u>Priority Claimed (Yes or No)</u>
N/A			

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and,
insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States
application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty
to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between
the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status (patented, pending, abandoned)</u>
N/A		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on
information and belief are believed to be true; and further that these statements were made with the knowledge that
willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title
18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any
patent issued thereon.

POWER OF ATTORNEY: As the named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name & registration no.): Marc Schechter, Registrati n No. 28,989; Susan M. Murray, Registration No. 38,252; Joseph P. Abate, Registration No. 30,238; Aziz M. Ahsan, R gistration N . 32,100; Jay H. Anderson, Registration No. 38,371; Lawrence D. Cutter, Registration N . 28,501; Ira D. Blecker, Registration No. 29,894; Tiffany L. T wnsend, Registration No. 43,199; St ven Capella, Registration No. 33,086; Daryl K. Neff, Registration No. 38,253; Eric W. P traske, Registrati n N . 28,459; Harold Huberfeld, Registrati n No. 26,665 and H. Daniel Schnurmann, Registration No. 35,791, all of INTERNATIONAL BUSINESS MACHINES CORPORATION; and Christopher A. Hughes, Registration No. 26,914; Edward A. Pennington, Registration No. 32,588; John E. Ho I, Registration No. 26,279; and Joseph C. Redmond, Jr., Registration No. 18,753, all of MORGAN AND FINNEGAN.

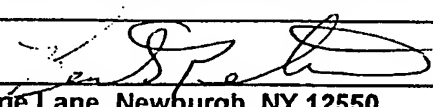
Send correspondence to: Jay H. Anderson, International Business Machines Corporation, Intellectual Property Law Dept., 18/G, B/300, Z/482, 2070 Route 52, Hopewell Junction, NY 12533-6531

Direct Telephone Calls to: Jay H. Anderson at 914-894-3667

INVENTORS:

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Full Name of first or sole inventor: Kevin S. Petrarca

Inventor Signature:  Date: 3/14/00

Residence: 28 Laurie Lane, Newburgh, NY 12550

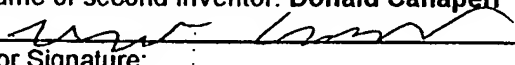
Citizenship: USA

Post Office Address: Same as Residence

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Full Name of second inventor: Donald Canaperi

Inventor Signature:  Date: 3/16/2000

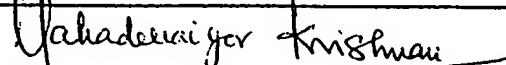
Residence: 126 Main St. North, Bridgewater, CT 06752

Citizenship: USA

Post Office Address: Same as Residence

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Full Name of third inventor: Mahadevaiyer Krishnan

Inventor Signature:  Date: 3/16/00

Residence: 18 Larchmont Drive, Hopewell Junction, NY 12533

Citizenship: USA

Post Office Address: Same as Residence

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Full Name of fourth inventor: Kenneth Jay Stein

Inventor Signature: Kenneth J. Stein

Date: 3-16-00

Residence: 31 Riverside Road, Sandy Hook, CT 06482

Citizenship: USA

Post Office Address: Same as Residence

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Full Name of fifth inventor: Richard P. Volant

Inventor Signature: Richard P. Volant

Date: 3/16/00

Residence: 16 Fulton Dr., New Fairfield, CT 06812

Citizenship: USA

Post Office Address: Same as Residence

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